SEQUENCE LISTING

<110> Novartis AG
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<120> Use of Fibroblast Growth Factor
Fragments

<130> 33264-US-PCT

<140> 10578470
<141> 2008-04-18

<150> PCT/EP2004/012572
<151> 2004-11-05

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Gly Ser Ser Trp Gly Gly Leu Ile His Leu Tyr Thr Ala Thr Ala Arg
        35                  40                  45
Asn Ser Tyr His Leu Gln Ile His Lys Asn Gly His Val Asp Gly Ala
    50                  55                  60
Pro His Gln Thr Ile Tyr Ser Ala Leu Met Ile Arg Ser Glu Asp Ala
65                  70                  75                  80
Gly Phe Val Val Ile Thr Gly Val Met Ser Arg Arg Tyr Leu Cys Met
                85                  90                  95
Asp Phe Arg Gly Asn Ile Phe Gly Ser His Tyr Phe Asp Pro Glu Asn
            100                 105                 110
Cys Arg Phe Gln His Gln Thr Leu Glu Asn Gly Tyr Asp Val Tyr His
        115                 120                 125
Ser Pro Gln Tyr His Phe Leu Val Ser Leu Gly Arg Ala Lys Arg Ala
    130                 135                 140
Phe Leu Pro Gly Met Asn Pro Pro Pro Tyr Ser Gln Phe Leu Ser Arg
145                 150                 155                 160
Arg Asn Glu Ile Pro Leu Ile His Phe Asn Thr Pro Ile Pro Arg Arg
                165                 170                 175
His Thr Arg Ser Ala Glu Asp Asp Ser Glu Arg Asp Pro Leu Asn Val
            180                 185                 190
Leu Lys Pro Arg Ala Arg Met Thr Pro Ala Pro Ala Ser Cys Ser Gln
        195                 200                 205
Glu Leu Pro Ser Ala Glu Asp Asn Ser Pro Met Ala Ser Asp Pro Leu
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Gly Val Val Arg Gly Gly Arg Val Asn Thr His Ala Gly Gly Thr Gly
225                 230                 235                 240
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Pro Glu Gly Cys Arg Pro Phe Ala Lys Phe Ile
245 250

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<212> PRT
<213> Homo sapiens

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1 5 10 15
Leu Lys Pro Arg Ala Arg Met Thr Pro Ala Pro Ala Ser Cys Ser Gln
20 25 30
Glu Leu Pro Ser Ala Glu Asp Asn Ser Pro Met Ala Ser Asp Pro Leu
35 40 45
Gly Val Val Arg Gly Gly Arg Val Asn Thr His Ala Gly Gly Thr Gly
50 55 60
Pro Glu Gly Cys Arg Pro Phe Ala Lys Phe Ile
65 70 75

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<211> 756
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<213> Homo sapiens

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cacctgtaca cagccacagc caggaacagc taccacctgc agatccacaa gaatggccat 180
gtggatggcg caccccatca gaccatctac agtgccctga tgatcagatc agaggatgct 240
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aacatttttg gatcacacta tttcgacccg gagaactgca ggttccaaca ccagacgctg 360
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gcgaagagag ccttcctgcc aggcatgaac ccacccccgt actcccagtt cctgtcccgg 480
aggaacgaga tccccctaat tcacttcaac acccccatac cacggcggca cacccggagc 540
gccgaggacg actcggagcg ggacccccctg aacgtgctga agccccgggc ccggatgacc 600
ccggccccgg cctcctgttc acaggagctc ccgagcgccg aggacaacag cccgatggcc 660
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<213> Homo sapiens

<400> 4
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<210> 5
<211> 79
<212> PRT
<213> Homo sapiens

<400> 5
Gln Arg Asp Pro Val Gly Arg Tyr Glu Pro Ala Gly Gly Asp Ala Asn
1 5 10 15
Arg Leu Arg Arg Pro Gly Gly Ser Tyr Pro Ala Ala Ala Ala Ala Lys
20 25 30
Val Tyr Ser Leu Phe Arg Glu Gln Asp Ala Pro Val Ala Gly Leu Gln

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        35                  40                  45
Pro Val Glu Arg Ala Gln Pro Gly Trp Gly Ser Pro Arg Arg Pro Thr
    50                  55                  60
Glu Ala Glu Ala Arg Arg Pro Ser Arg Ala Gln Gln Ser Arg Arg
65                  70                  75


<210> 6
<211> 79
<212> PRT
<213> Mus musculus

<400> 6
Gln Arg Asp Ser Ile Gly Arg Tyr Glu Pro Ala Ser Arg Asp Ala Asn
 1               5                  10                  15
Arg Leu Trp His Pro Val Gly Ser His Pro Ala Ala Ala Ala Ala Lys
            20                  25                  30
Val Tyr Ser Leu Phe Arg Glu Pro Asp Ala Pro Val Pro Gly Leu Ser
        35                  40                  45
Pro Ser Glu Trp Asn Gln Pro Ala Gln Gly Asn Pro Gly Trp Leu Ala
    50                  55                  60
Glu Ala Glu Ala Arg Arg Pro Pro Arg Thr Gln Gln Leu Arg Arg
65                  70                  75


<210> 7
<211> 63
<212> PRT
<213> Homo sapiens

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Ala Thr Leu Gly Gly Pro Glu Glu Glu Ser Thr Ile Glu Asn Tyr Ala
 1               5                  10                  15
Ser Arg Pro Glu Ala Phe Lys Ala Asp Glu Phe Leu Asn Trp His Ala
            20                  25                  30
Leu Phe Glu Ser Ile Lys Arg Lys Leu Pro Phe Leu Asn Trp Asp Ala
        35                  40                  45
Phe Pro Lys Leu Lys Gly Leu Arg Ser Ala Thr Pro Asp Ala Gln
    50                  55                  60


<210> 8
<211> 77
<212> PRT
<213> Homo sapiens

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Ala Thr Leu Gly Gly Pro Glu Glu Glu Ser Thr Ile Glu Asn Tyr Ala
 1               5                  10                  15
Ser Arg Pro Glu Ala Phe Asn Thr Pro Phe Leu Asn Ile Asp Lys Leu
            20                  25                  30
Arg Ser Ala Phe Lys Ala Asp Glu Phe Leu Asn Trp His Ala Leu Phe
        35                  40                  45
Glu Ser Ile Lys Arg Lys Leu Pro Phe Leu Asn Trp Asp Ala Phe Pro
    50                  55                  60
Lys Leu Lys Gly Leu Arg Ser Ala Thr Pro Asp Ala Gln
65                  70                  75


<210> 9
<211> 76
<212> PRT
<213> Homo sapiens
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<400> 9
Ala Thr Leu Gly Gly Pro Glu Glu Glu Ser Thr Ile Glu Asn Tyr Ala
 1   5   10   15
Ser Arg Pro Glu Ala Phe Asn Thr Pro Phe Leu Asn Ile Asp Lys Leu
            20   25   30
Arg Ala Phe Lys Ala Asp Glu Phe Leu Asn Met His Ala Leu Phe Glu
        35   40   45
Ser Ile Lys Arg Lys Leu Pro Phe Leu Asn Trp Asp Ala Phe Pro Lys
    50   55   60
Leu Lys Gly Leu Arg Ser Ala Thr Pro Asp Ala Gln
65   70   75

<210> 10
<211> 49
<212> PRT
<213> Homo sapiens

<400> 10
Cys Ala Tyr Thr Phe Leu Val Pro Glu Gln Arg Ile Thr Gly Pro Ile
 1   5   10   15
Cys Val Asn Thr Lys Gly Gln Asp Ala Ser Thr Ile Lys Asp Met Ile
            20   25   30
Thr Arg Met Asp Leu Glu Asn Leu Lys Asp Val Leu Ser Arg Gln Lys
        35   40   45
Arg

<210> 11
<211> 30
<212> PRT
<213> Mus musculus

<400> 11
Cys Ser Tyr Thr Phe Leu Val Pro Glu Gln Lys Ile Thr Gly Pro Ile
 1   5   10   15
Cys Val Asn Thr Lys Gly Gln Asp Ala Gly Thr Ile Lys Asp
            20   25   30

<210> 12
<211> 20
<212> PRT
<213> Mus musculus

<400> 12
Met Ile Thr Arg Met Asp Leu Glu Asn Leu Lys Asp Val Leu Ser Arg
 1   5   10   15
Gln Lys Arg Glu
            20

<210> 13
<211> 24
<212> PRT
<213> Homo sapiens

<400> 13
Ser Thr Ile Lys Asp Met Ile Thr Arg Met Asp Leu Glu Asn Leu Lys
 1   5   10   15
Asp Val Leu Ser Arg Gln Lys Arg
            20

<210> 14
<211> 45
<212> PRT
<213> Mus musculus

<400> 14
Met Ile Thr Arg Met Asp Leu Glu Asn Leu Lys Asp Val Leu Ser Arg
 1   5   10   15
Gln Lys Arg Glu Ile Asp Val Leu Gln Leu Val Val Asp Val Asp Gly
            20   25   30
Asn Ile Val Asn Glu Val Lys Leu Leu Arg Lys Glu Ser
        35   40   45